

QUANTUM-W

Wall Mount Industrial PC

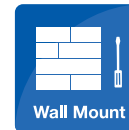
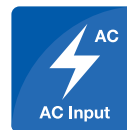
Wall mount Server solution



Key Feature



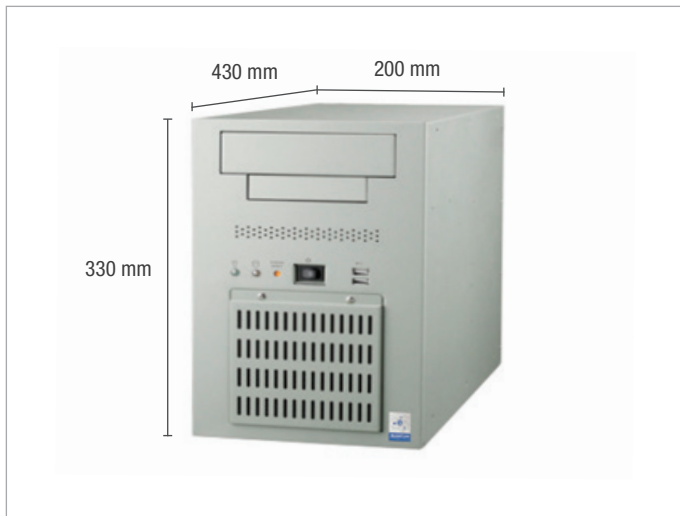
- Intel Xeon Scalable 2nd gen.
- Shockproof drive bay for one 5.25" ODD and three 3.5" HDDs
- 0 ~ 60° C ambient operation temperature range
- Supports Software RAID 0, 1, 5, 10
- 2x 10gbe ports
- Wallmount or workbench mounting
- Out of band management with IPMI



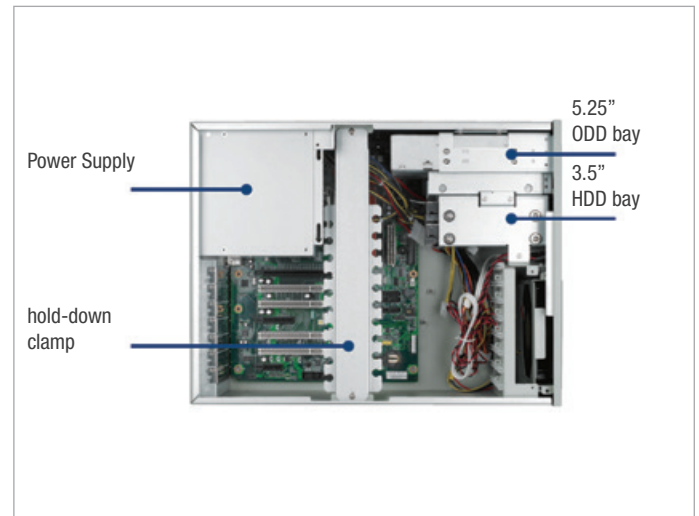
Specifications		Quantum-WS-1P02	Quantum-WS-1P02-10G	Quantum-WS-2P02	Quantum-WS-2P02-10G
CPU	Socket	LGA3647 x1	LGA3647 x1	LGA3647 x2	LGA3647 x2
	TDP max	205W	205W	150W	150W
	Chipset	C621	C622	C621	C622
	BIOS	AMI EFI 128Mbit	AMI EFI 128Mbit	AMI EFI 128Mbit	AMI EFI 128Mbit
System Memory	Type	DDR4 ECC. REG.	DDR4 ECC. REG.	DDR4 ECC. REG.	DDR4 ECC. REG.
	MAX. Slot	192GB (384GB W/LRDIMM)	192GB (384GB W/LRDIMM)	192GB (384GB W/LRDIMM)	192GB (384GB W/LRDIMM)
		6	6	6 (3xCPU)	6 (3xCPU)
Storage	HDD/SSD bay 3.5"	3	3	3	3
	5.25" Drive	1	1	1	1
Display e Graphics	Display	AST2510	AST2510	AST2500	AST2510
	VGA	1	1	1	1
Rear I/O	COM port	1	1	1	1
	USB 3.0	4	4	2	2
	RJ45 1Gbe	2	2	2	2
	RJ45 10Gbe	4	4	4	4
	USB 2.0	2	2	-	-
Front I/O	USB 2.0	2	2	2	2
Internal I/O	USB 2.0	2	2	2	2
	USB 3.0	2	2	4	4
	USB TYPE A	1	1	1	1
	Serial	1 RS-232	1 RS-232	1 RS-232	1 RS-232
	SATA 3.0	8	8	8	8
	M.2 2280 B+M key (SATA and PCIe)	1	1	1	1
	GPIO	8 bit	8 bit	8 bit	8 bit
Network	LAN 1	i210AT	i210AT	i210AT	i210AT
	LAN 2	i210AT	i210AT	i210AT	i210AT
	LAN 3	-	X557-AT2 (10Gbit)	-	X557-AT2 (10Gbit)
	LAN 4	-	X557-AT2 (10Gbit)	-	X557-AT2 (10Gbit)
	OUT of Band management	-	IPMI	-	IPMI
PCI-Express slot	#1	PCIe x1 slot (x1 link)		PCIe x8 slot (x8 link)	
	#2	PCIe x4 slot (x4 link)		PCIe x16 slot (x16 link)	
	#3	PCIe x8 slot (0 or x8 link)		PCIe x8 slot (x8 link)	
	#4	PCIe x16 slot (x8 or x16 link)		PCIe x16 slot (x16 link)	
	#5	PCIe x8 slot (0 or x8 link)		PCIe x16 slot (x16 link)	
	#6	PCIe x16 slot (x8 or x16 link) CPU		PCIe x16 slot (x16 link) CPU0	
	#7	PCIe x8 slot (x8 link) CPU		PCIe x8 slot (x8 link) CPU	
Power Supply	PS/2	350W ~ 1000W *	350W ~ 1000W *	350W ~ 1000W *	350W ~ 1000W *

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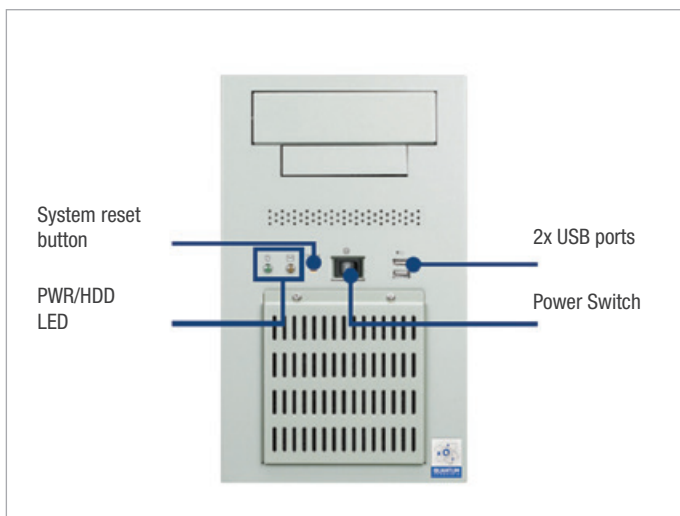
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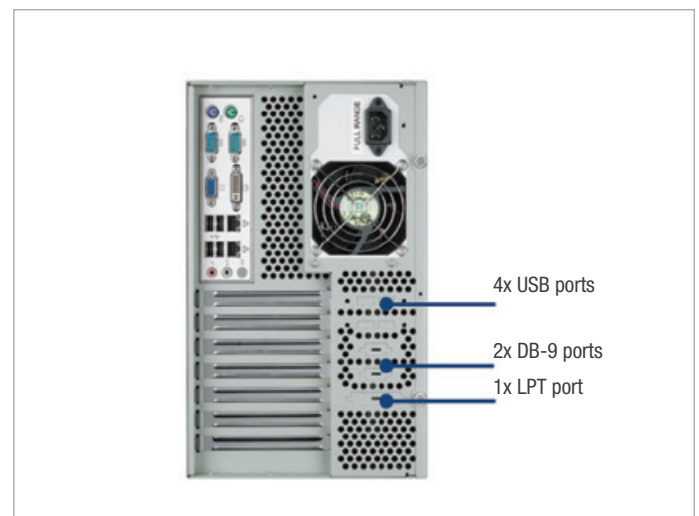
Dimension: 200 x 330 x 430 mm (7.9" x 13" x 16.9")



Inside View



Front View



Rear View

Specifications	Quantum-WS-1P02	Quantum-WS-1P02-10G	Quantum-WS-2P02	Quantum-WS-2P02-10G
Meccanical & Environment	Operating Temperature	0°C ~ 40		
	Storage Temperature	-20°C ~ 70°C		
	Operating Humidity	10~95%@40, non-condensing		
	Shock	10g peak acceleration(duration 11ms), in operating with HDD		
	Vibration	1g 5~500Hz in operating with HDD		
	Mounting	Wall mount		
Operating System	Dimension	(W*H*D): 200 x 330 x 430 mm		
	Windows 10 IoT	2016 (16.04) - 2019 (19.03)		
	Windows Server	2016		
	Linux	yes		